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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 10/758,735 | 01/16/2004 | Ronald T. Crocker | CE11573R | 6383 |
| 22917 7590 01/11/2007 MOTOROLA, INC. 1303 EAST ALGONQUIN ROAD IL01/3RD SCHAUMBURG, IL 60196 | | | EXAMINER HOLLIDAY, JAIME MICHELE | |
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| SHORTENED STATUTORY PERIOD OF RESPONSE | | MAIL DATE | DELIVERY MODE | |
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Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/758,735

Applicant(s)

CROCKER ET AL.

Examiner

Charles N. Appiah

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 October 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-33 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 21-31 and 33 is/are allowed.
- 6) ☒ Claim(s) 1-20, 33 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1-20 and 32 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
3. Claims 1-33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Michael et al. (US 2004/017263) in view of Salomaki (US 2003/0065788).

Regarding claim 1, Michael discloses a method for facilitating wireless presence-based services comprising: exchange of updated buddy list presence information, (interaction between presence server unit 1104 and the dynamic proxy 1114 including communication between the presence server and the dynamic proxy by the provision of presence update information, see page 2, [0020-0021], maintaining, by the WPP, a buddy list presence information reflecting the buddy list presence update for the MS (dynamic presence proxy updates logged parties' presence, page 2, [0021]), and when a condition for updating the MS exists, sending, by the WPP, presence information from the buddy list presence information to update the MS (sending of presence update to logged in watching parties that re monitoring Juliet's presence, page 2, [0021], and dynamic presence proxy using user's watcher list and updating user presence information, page 2, [0023]). Michael fails to explicitly disclose the receiving by a

wireless proxy from a presence server, a buddy list presence update for a mobile station.

In an analogous field of endeavor, Salomaki discloses a mobile messaging and presence service system that includes presence servers and presence proxies (see page 11, [0121], wherein the presence proxy caches updated presence information which comes from a presence server with the server informing the proxy about the validity period of presence values cached by the proxy (see page 11, [0123-0124]).

It would therefore have been obvious to one of ordinary skill in the art to ensure that updated presence information is provided dynamically to presence proxies in order to improve the scalability of presence service using various presence attributes as taught by Salomaki.

Regarding claim 2, Michael, further discloses subscribing, by the WPP, to a presence service from the presence server as a proxy for the MS (dynamic presence proxy adapted to monitor and identify a user being present, page 1, [0005], dynamic presence proxy interacting with presence server, page 2, [0020]).

Regarding claim 5, Michael further discloses wherein a condition for updating the MS comprises a wireless resource-efficient condition for updating the MS (dynamic presence proxy using the watcher's list and updating the user's presence information, which is transmitted to the contact lists of the corresponding watcher's of the user, page 2, [0024]).

Regarding claim 6, Michael's teaching of determining whether the calling party is a presence user and using the watcher's list to update the calling party's presence

status, page 2, [0020]), reads on wherein a condition for updating the MS exists when the WPP receives an indication that the MS is assigned a traffic channel with the call making constituting the traffic channel assignment.

Regarding claim 7, Michael further discloses wherein the indication that the MS is assigned a TCH comprises an indication from the group consisting of an indication of a call origination by the MS, an indication of call activity involving the MS, and an indication of a TCH assignment to the MS (offline users making a call to another user or to a remote party, page 2, [0020]).

Regarding claims 8 and 10, Michael further discloses wherein the presence information is sent to the MS via the TCH and wherein the presence information is sent to the MS as data on the TCH (updated status being transmitted to the logged in users, page 2, [0020]).

Regarding claim 11, Michael's teaching of Juliet being registered but not logged on (see page 2, [0021]), meets the limitation of the condition for updating the MS exists when the WPP receives an indication of the MS being in a semi-dormant mode.

Regarding claims 13, 16, 18, 19 and 20, Michael further discloses wherein a condition for updating the MS exists when the WPP receives an indication of a registration by the MS and updating, by the WPP, a presence server with a status of available, unavailable, busy and available for the MS in response to receiving an indication from the group consisting of an indication of a call completion by the MS and an indication of a registration by the MS (presence server receiving watcher list of registered, logged in users, page 2, [0021]-[0025]).

Regarding claim 17, Michael further discloses wherein the buddy list contains the most recent information received by the WPP (dynamic presence proxy telling watcher list database manager to update its watcher list containing the caller which is transmitted to the watchers, page 2, [0025]).

4. Claims 3, 4, 9 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Michael et al and Salomaki as applied to claim 1 above, and further in view of Birkler et al. (US 2002/0129103).

Regarding claims 3 and 4 Michael as modified by Salomaki fail to disclose wherein a condition for updating exists when a predefined time has elapsed wherein when a predefined period of time has elapsed since an oldest change to the buddy list presence information.

In an analogous filed of endeavor, Birkler discloses a method for updating presence information when a client receives an update for the clients contact list stored at the server wherein in response to an update request a comparison is made and a delay is instituted during which an updated presence information is received and which is made available to the client (see page 2, [0020], [0023]).

It would therefore have been obvious to one of ordinary skill in the art to provide for the updated information to be provided only when such information becomes available in order to avoid unnecessary use of limited network resources by modifying the system of Michael and Salomaki as taught by Birkler.

Regarding claims 9 and 12 Michael as modified by Salomaki fail to explicitly teach wherein the presence information is sent to the MS via a short data burst

messaging, wherein a condition for updating the MS exists when the WPP receives a presence update request from the MS.

In an analogous field of endeavor, Birkler discloses a method for updating presence information when a client receives an update for the client's contact list stored at the server and made available to the requesting client using SMS protocol by the messaging terminal to contact the IM server, see page 2, [0017]).

It would therefore have been obvious to one of ordinary skill in the art to provide for the provision of buddy or contact list updated presence information quickly as taught by Birkler using SDB in the system of Michael and Salomaki in order to avoid delays in providing updated information for subscribers in a timely fashion without undue delay.

5. Claims 14 and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Michael et al and Salomaki as applied to claim 1 above, and further in view of Black. (6,895,425).

Regarding claims 14 and 15, Michael as modified by Salomaki fail to teach that the presence information is sent to the MS via a PCH and wherein the presence information is sent to the MS via SDB on the PCH.

Black discloses a communication system for providing group communications wherein a paging channel may be used to send SDB messages (see page 7, [0071]).

It would therefore have been obvious to one of ordinary skill in the art to combine Black's group communication system with Michael and Salomaki's system in order to be able to use SDB messages for group communications which would reduce significant latency in group communications as taught by Black.

6. Claim 32 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kadyk et al. (6,895,425) in view of Salomaki (US 2002/0129103).

Regarding claim 32, Kadyk discloses a wireless proxy server for facilitating wireless-presence based services, the WPP (130) comprising (with reference to Figs. 1-3): a network interface adapted to send and receive messaging using at least one communication protocol (capability of expert proxy server 130 to receive from wireless device and transmit to wireless device, see Figs. 1, 3, col. 2, lines 48-57 and col. 5, lines 34-65), a processor, communicatively coupled to the network interface (inherent in server being able to determine service is to be provide and providing the service to the mobile terminal, see col. 2, lines 61-67, col. 3, lines 46-59 and col. 4, lines 44-62, col. 7, line 56 to col. 8, line 2). Kadyk teaches the provision of updated presence information in response to individual requests from the wireless device when a condition for updating the MS exists (see col. 7, line 67 to col. 8, line 2), but fails to explicitly teach the WPP is adapted to receive from a presence server via the network interface, a buddy list presence update from a mobile station presence information specifically from the buddy list presence information.

In an analogous field of endeavor, Salomaki discloses a mobile messaging and presence service system that includes presence servers and presence proxies (see page 11, [0121], wherein the presence proxy caches updated presence information which comes from a presence server with the server informing the proxy about the validity period of presence values cached by the proxy including maintaining buddy list

presence information reflecting the buddy list presence update for the MS (see page 11, [0123-0124]).

It would therefore have been obvious to one of ordinary skill in the art to ensure that updated presence information is provided dynamically to presence proxies in order to improve the scalability of presence services using various presence attributes as taught by Salomaki.

Allowable Subject Matter

4. Claims 21-29, 30, 31 and 33 are allowed.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. McKinnon et al. (US 2004/0133641) discloses a distributed communication services using presence messaging and communications. Sommerer (US 2004/0158613) discloses a method and system for automatically updating contact information using an automated reply process.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles N. Appiah whose telephone number is 571 272-7904. The examiner can normally be reached on M-F 7:30AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold can be reached on 571-272-7905. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2617

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

CA



**CHARLES APPIAH
PRIMARY EXAMINER**